

PATENT 5181-96100/P6693

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/821,431

Filed: April 9, 2004

Inventors: Cypher, et al.

Title: BRANCH PREDICTION MECHANISM USING

MULTIPLE HASH

FUNCTIONS

Examiner: Unknown
Group/Art Unit: 2183
Atty. Dkt. No: 5181-96100

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Stephen J. Curran
Printed Name

Fet
Signature

February 4, 2005 Date

INFORMATION DISCLOSURE STATEMENT

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

1. This Information Disclosure Statement is submitted:

	a.		within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d); within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application; before the mailing date of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.					
b. 🔲			after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: the certification of paragraph 2 below is provided, or a fee of \$180.00 is enclosed.					
	c.		after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.					
2.	It is he	hereby certified:						
		that each item of information contained in this Information Disclosure Statemer was cited in a communication from a foreign patent office in a counterparapplication and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement;						
		that each item of information contained in this Information Disclosure Statemwas cited in a communication from a foreign patent office in a counterp foreign application not more than three (3) months prior to the filing of Statement; or						
v fo a		that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three (3) months prior to the filing of the Statement.						
3.			eration of the following additional information (including any co-pending adoned U.S. applications, prior uses and/or sales, etc.) is requested:					
4.	For eac	or each non-English language reference listed on the attached Form PTO-1449:						
		referen	ce is made to an English language translation submitted herewith, and/or					
			ce is made to a foreign patent office search report (in the English ge) submitted herewith, and/or					
			ce is made to an English language translation of a foreign patent office report submitted herewith, and/or					

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		present application at page(s), and/or
		reference is made to the concise explanation set forth below:
5.		Applicant also offers the following comments for the Examiner's consideration:
6.		Also enclosed is a copy of a foreign search report citing these references.
7.		The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8.		Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.
	If any	required fees are missing, the Commissioner is authorized to charge said fees to

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5181-

Respectfully, submitted,

Stephen J. Curran Reg. No. 50,664

Agent for Applicant(s)

MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C. P. O. Box 398 Austin, Texas 78767 (512) 853-8800

Date: February 4, 2005

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U.S. FATENT DOCUMENTS											
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIAT				
		6,735,681	05/11/2004	Asano, et al.							
		6,550,004	04/15/2003	Henry, et al.							
		6,425,076	07/23/2002	Killian							
		5,828,874	10/27/1998	Steely, Jr., et al.							
						 					
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		FOR	EEIGN PATE	NT DOCUMENTS	<u> </u>		L				
EXAM. INITIALS	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES/NO				
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	T			or, Title, Date, Pertinent Pa		-1. T -1 4 -	D.1. Ale				
A1 "Combining Branch Predictors"; WRL Technical Note TN-36; digital Western Research Labora CA; June 1993; pgs. 1-25.											
		1 000									
EXAMINER	.:			DATE CONSIDERED:	:						

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.